BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

EMB

Name Of Work: **Improvements of Roads, drains and other maintanance in Manjunatha nagara and sorrounding area in Ward No ; 14 Bagalagunte**

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Dismantling of existing structures like Culverts bridges retaining walls and other structure comprising of machinary cement concrete wood work steel work including T & P and scaffolding where ever necessary stacking the dismantled material disposal of unservecable material and stacking the servesable material						
	Culvert-1	1	7.40	1.50	0.20	2.22	
		2	7.40	0.60	0.80	7.104	
	Culvert-2	1	6.40	1.50	0.20	1.92	
		2	6.40	0.60	0.80	6.14	
	Culvert-3	1	7.40	1.50	0.20	2.22	
		2	7.40	0.60	0.80	7.104	
	Culvert-4	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert-5	1	3.70	1.50	0.20	1.11	
		2	3.70	0.60	0.80	3.552	
	Culvert-6	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert -7	1	7.50	1.50	0.20	2.25	
		2	7.50	0.60	0.80	7.20	
	Culvert -8	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert -9	1	7.10	1.50	0.20	2.13	
		2	7.10	0.60	0.80	6.82	
	Culvert -10	1	6.00	1.50	0.20	1.80	
		2	6.00	0.60	0.80	5.76	
	CC Road	2	84.30	1.20	0.15	30.35	
	CC Road	1	36.40	2.20	0.15	12.01	
						126.15	**Cum**

04/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

04/01/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂ
ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾ
ಬೆಂಗಳೂರು. ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Manjunatha nagara near New Extension Pepsi godown						
	For CC Drain						
	1st Cross						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	14.50	1.20	1.00	17.40	
	RHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	14.50	1.20	1.00	17.40	
	Back Side	1	30.00	1.20	1.00	36.00	
		1	3.80	1.20	1.00	4.56	
	2 nd Cross						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	11.30	1.20	1.00	13.56	
	1 st Main	1	26.00	1.20	1.00	31.20	
	3 rd Cross From 1st Main						
	RHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	13.00	1.20	1.00	15.60	
	3 rd Cross From 1st Main						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	25.30	1.20	1.00	30.36	

04/01/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಕೆ
ಬೆಂಗಳೂರು ೫೬೦೦೭೩.

	Cross Road	1	24.50	1.20	1.00	29.40	
	RHS	1	24.50	1.20	1.00	29.40	
	Cross Road RHS	1	23.00	1.20	1.00	27.60	Cum
For Desilting of drain							
Karekallu							
RHS From Karekallu Main Road							
7 th Cross	LHS	1	30.00	0.60	0.45	8.10	
		1	14.00	0.60	0.40	3.36	
8 thCross	LHS	1	30.00	0.60	0.50	9.00	
		1	15.00	0.60	0.45	4.05	
	RHS	1	30.00	0.60	0.40	7.20	
		1	15.00	0.60	0.40	3.60	
9 th Cros	LHS	1	30.00	0.60	0.45	8.10	
		1	18.00	0.60	0.45	4.86	
	RHS	1	30.00	0.60	0.50	9.00	
		1	18.00	0.60	0.40	4.32	
10 th Cross	LHS	1	30.00	0.60	0.50	9.00	
		1	20.00	0.60	0.45	5.40	
	RHS	1	30.00	0.60	0.50	9.00	
		1	20.00	0.60	0.40	4.80	
		1	7.50	0.60	0.40	1.80	
LHS From Karekallu Main Road							
8 thCross	LHS	1	30.00	0.60	0.50	9.00	
		1	16.00	0.60	0.40	3.84	
	RHS	1	30.00	0.60	0.45	8.10	
		1	16.00	0.60	0.50	4.80	
9 th Cros	LHS	1	30.00	0.60	0.50	9.00	
		1	16.00	0.60	0.45	4.32	
	RHS	1	30.00	0.60	0.50	9.00	
		1	16.00	0.60	0.40	3.84	
10 th Cross	LHS	1	30.00	0.60	0.50	9.00	
		1	27.00	0.60	0.40	6.48	
	RHS	1	30.00	0.60	0.45	8.10	
		1	27.00	0.60	0.40	6.48	
11 th Cross	LHS	1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.45	8.10	
12 th Cross	LHS	1	30.00	0.60	0.50	9.00	
		1	16.00	0.60	0.40	3.84	
	RHS	1	30.00	0.60	0.45	8.10	
		1	16.00	0.60	0.50	4.80	

Gully drain	1	28.00	0.60	0.45	7.56
Karekallu main Road Main	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	15.00	0.60	0.40	3.60
RHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	15.00	0.60	0.40	3.60
LHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	15.00	0.60	0.45	4.05
Manjunatha nagara Main Road RHS	1	30.00	0.60	0.35	6.30
	1	30.00	0.60	0.45	8.10
	1	23.70	0.60	0.40	5.69
	1	30.00	0.60	0.45	8.10
	1	14.00	0.60	0.50	4.20
	1	25.00	0.60	0.45	6.75
	1	25.00	0.60	0.40	6.00
6 th cross RHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.35	6.30
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
7 th Cross LHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	5.70	0.60	0.45	1.54
	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	5.00	0.60	0.35	1.05
RHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	7.70	0.60	0.45	2.08
8 th Cross LHS	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	11.00	0.60	0.30	1.98
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.45	8.10
	1	5.00	0.60	0.30	0.90

	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	24.00	0.60	0.45	6.48
RHS	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	5.00	0.60	0.35	1.05
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	24.50	0.60	0.40	5.88
4 th Cross LHS	1	21.00	0.60	0.45	5.67
	1	20.00	0.60	0.45	5.40
	1	20.00	0.60	0.45	5.40
	1	20.00	0.60	0.45	5.40
	1	21.00	0.60	0.45	5.67
	1	20.00	0.60	0.40	4.80
	1	30.00	0.60	0.45	8.10
	1	5.00	0.60	0.45	1.35
6 th cross Mahalakshmi Nagara LHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.40	7.20
	1	30.00	0.60	0.45	8.10
	1	17.00	0.60	0.45	4.59
7 th cross Mahalakshmi Nagara RHS	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.45	8.10
Manjunatha nagara New Extension RHS	1	24.00	0.60	0.50	7.20
	1	25.00	0.60	0.45	6.75
Manjunatha nagara New Extension LHS	1	30.00	0.60	0.45	8.10
	1	30.00	0.60	0.50	9.00
	1	24.00	0.60	0.45	6.48
RHS	1	30.00	0.60	0.50	9.00
	1	30.00	0.60	0.50	9.00
	1	24.00	0.60	0.50	7.20
Near Karu mariyamma Temple LHS	1	28.00	0.60	0.45	7.56
	1	28.00	0.60	0.50	8.40
	1	30.00	0.60	0.50	9.00

For Culverts							
	Culvert-1	1	6.60	1.50	0.75	7.43	
	Culvert-2	1	7.00	1.50	0.75	7.88	
	Culvert-3	1	6.50	1.50	0.75	7.31	
	Culvert-4	1	7.00	1.50	0.75	7.88	
	Culvert-5	1	8.50	1.50	0.75	9.56	
	Culvert -6	1	7.00	1.50	0.75	7.88	
	Culvert -7	1	7.50	1.50	0.75	8.44	
	Culvert -8	1	7.00	1.50	0.75	7.88	
	Culvert -9	1	7.10	1.50	0.65	6.92	
	Culvert -10	1	6.60	1.50	0.60	5.94	
				Present Quantity		**1815.00**	**Cum**

04/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

04/01/22 to 21/01/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvement of Roads, drains and other maintanance in Manj nagara and sorroundings Area in ward No 14 Bagalagunte

	Pre measurement recorded on:					
Item No	Discription of Item	No	Length	Breadth	Depth	Qty
3	Providing and laying in position plain cement concrete of mix 1;3;6 with opc cement @ 180kgs with 40 mm and down size grded granite metal course aggregates at 0.85 cum and fine aggregates at0.57 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compected in foundation including cost of all materials ,labour ,HOM of machineries etc complete as per specifications,					
	Manjunatha nagara near New Extension Pepsi godown					
	For Drain					
	1st Cross					
	LHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	14.50	1.20	0.15	2.61
	RHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	14.50	1.20	0.15	2.61
	Back Side	1	30.00	1.20	0.15	5.40
		1	3.80	1.20	0.15	0.68
	2 nd Cross					
	LHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	11.30	1.20	0.15	2.03
	3 rd Cross From 1st Main	1	26.00	1.20	0.15	4.68
	RHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	13.00	1.20	0.15	2.34
	3 rd Cross From 1st Main					
	LHS	1	30.00	1.20	0.15	5.40

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ-
ಜ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜ.ಜ.ಪಾ.ಪ ಕಿ
ಬೆಂಗಳೂರು 560073.

		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	25.30	1.20	0.15	4.55
	Cross Road	1	24.50	1.20	0.15	4.41
		1	24.50	1.20	0.15	4.41
	Cross Road	1	23.00	1.20	0.15	4.14
			750.40			
For Culverts						
	Culvert-1	1	6.60	1.50	0.15	1.49
	Culvert-2	1	7.00	1.50	0.15	1.58
	Culvert-3	1	6.50	1.50	0.15	1.46
	Culvert-4	1	7.00	1.50	0.15	1.58
	Culvert-5	1	8.50	1.50	0.15	1.91
	Culvert -6	1	7.00	1.50	0.15	1.58
	Culvert -7	1	7.50	1.50	0.15	1.69
	Culvert -8	1	7.00	1.50	0.15	1.58
	Culvert -9	1	7.10	1.50	0.15	1.60
	Culvert -10	1	6.60	1.50	0.15	1.49
						151.00

05/01/22 to 10/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive
Dasarahalli Sub
BBMP Bangal

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ದಾ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

N. V

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4.2.7: Providing and laying in position plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, machine mixed concrete well compacted for wall and bottom including centering and shuttering cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.						
	For Raft						
	Manjunatha nagara New Extension near Pepsi godown						
	For Drain						
	1st Cross						
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	14.50	0.90	0.15	1.96	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	14.50	0.90	0.15	1.96	
	Back Side	1	30.00	0.90	0.15	4.05	
		1	3.80	0.90	0.15	0.51	
	2 nd Cross						
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	11.30	0.90	0.15	1.53	
	1 st Main	1	26.00	0.90	0.15	3.51	
	3 rd Cross From 1st Main						
	RHS	1	30.00	0.90	0.15	4.05	
		1	7.50	0.90	0.15	1.01	
		1	30.00	0.90	0.15	4.05	
		1	5.50	0.90	0.15	0.74	
	3 rd Cross From 1st Main						

LHS	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	25.30	0.90	0.15	3.42
Cross Road	1	24.50	0.90	0.15	3.31
	1	24.50	0.90	0.15	3.31
For Side wall					
1st Cross					
LHS	2	9.00	0.15	0.90	2.43
	2	15.00	0.10	0.60	1.80
	2	15.00	0.12	0.60	2.16
	2	15.00	0.15	0.60	2.70
	2	15.00	0.12	0.60	2.16
	2	15.00	0.15	0.60	2.70
	2	15.00	0.10	0.60	1.80
	2	15.00	0.15	0.60	2.70
	2	15.00	0.15	0.60	2.70
	2	6.50	0.15	0.60	1.17
RHS	2	9.00	0.12	0.90	1.94
	2	18.00	0.15	0.70	3.78
	2	18.00	0.15	0.70	3.78
	2	9.00	0.12	0.60	1.30
	2	8.00	0.15	0.60	1.44
	2	30.00	0.12	0.90	6.48
	2	7.00	0.15	0.60	1.26
	2	15.00	0.12	0.60	2.16
	2	27.50	0.15	0.90	7.43
	2	9.00	0.15	0.60	1.62
Back Side	2	30.00	0.15	0.60	5.40
	2	3.80	0.12	0.60	0.55
2 nd Cross					
LHS	2	30.00	0.15	0.60	5.40
	2	30.00	0.15	0.60	5.40
	2	30.00	0.15	0.60	5.40
	2	30.00	0.12	0.60	4.32
	2	30.00	0.15	0.60	5.40
	2	11.30	0.15	0.60	2.03
1 st Main	2	26.00	0.15	0.60	4.68
3 rd Cross From 1st Main					
RHS	2	30.00	0.15	0.71	6.39
	2	7.50	0.15	0.80	1.80
	2	30.00	0.15	0.60	5.40
	2	5.50	0.15	0.60	0.99

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಬೆಂಗಳೂರು ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ ಜಿ.ಜಿ.ಎಂ.ಪಿ. ಪೂರ್ವಭಾಗ ಬೆಂಗಳೂರು 560073

3 rd Cross From 1st Main							
LHS		2	30.00	0.15	0.60	5.40	
		2	30.00	0.12	0.60	4.32	
		2	30.00	0.15	0.52	4.68	
		2	25.30	0.15	0.47	3.57	
Cross Road		2	24.50	0.12	0.55	3.23	
		2	24.50	0.13	0.60	3.82	
For Ramp							
2nd Cross		1	30.00	0.35	0.10	1.05	
		1	30.00	0.30	0.10	0.90	
		1	30.00	0.40	0.15	1.80	
						233.64	**Cum**
Culvert-1	Raft	1	7.20	1.30	0.20	1.87	
	Wall	1	7.20	0.30	0.75	1.62	
		1	7.20	0.30	0.75	1.62	
Culvert-2	Raft	1	6.40	1.30	0.20	1.66	
	Wall	1	6.40	0.30	0.75	1.44	
		1	5.50	0.30	0.75	1.24	
Culvert-3	Raft	1	7.40	1.30	0.20	1.924	
	Wall	1	7.40	0.30	0.75	1.67	
		1	7.40	0.30	0.75	1.67	
Culvert-4	Raft	1	7.30	1.30	0.20	1.90	
	Wall	1	7.30	0.30	0.85	1.86	
		1	6.30	0.30	0.85	1.61	
Culvert-5	Raft	1	3.70	1.30	0.20	0.962	
	Wall	1	3.70	0.30	0.60	0.67	
		1	3.30	0.30	0.60	0.59	
Vulvert -6	Raft	1	7.00	1.30	0.20	1.82	
	Wall	1	7.00	0.30	0.60	1.26	
		1	5.80	0.30	0.60	1.04	
Culvert -7	Raft	1	7.50	1.30	0.20	1.95	
	Wall	1	7.20	0.30	0.60	1.30	
		1	7.50	0.30	0.60	1.35	
Culvert -8	Raft	1	7.00	1.30	0.20	1.82	
	Wall	1	7.00	0.30	0.60	1.26	
		1	6.10	0.30	0.60	1.10	
Culvert -9	Raft	1	7.10	1.30	0.20	1.85	
	Wall	1	7.10	0.30	0.60	1.28	
		1	6.40	0.30	0.60	1.15	
Culvert-10	Raft	1	6.00	1.30	0.20	1.56	
	Wall	2	6.00	0.30	0.60	2.16	
For Ramp Culverts							
	Culvert-1	2	6.60	0.30	0.12	0.48	
	Culvert-2	2	7.00	0.30	0.12	0.50	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶ್ರೀ ವಿಶ್ವನಾಥ ಬಿರಾದಾರ
ಜಾಲಹಳ್ಳಿ ಜಿ.ಜಿ.ವಿ.ಎಂ.ಕೆ
ಬೆಂಗಳೂರು-560073

Culvert-3	2	6.50	0.30	0.12	0.47	
Culvert-4	2	7.00	0.30	0.12	0.50	
Culvert-5	2	7.00	0.40	0.12	0.67	
Culvert -6	2	6.90	0.45	0.12	0.75	
Culvert -7	2	7.40	0.45	0.12	0.80	
Culvert -8	2	7.00	0.45	0.12	0.76	
Culvert -9	2	7.00	0.30	0.12	0.50	
Culvert -10	2	6.60	0.30	0.12	0.48	
					282.73	Cum

13/01/22 to 21/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI ZONE

Name of the work : Improvements of Roads,drains and other maintanance in Manjunatha nagara and sorroundings area in ward No; 14 Bagalagunte

Pre-Measurement Sheet

First and Fnal

Item No: **5**

Item Name: KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per

l no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
For Drain										
Manjunatha nagara New Extension										
1 st Cross LHS										
1	10	1	150mm/CC	9	134.50	1210.5	Distribution	0.62	751	
2	12	1	150mm C/c	1345	2.2	2959.0	Main Bar	0.89	2634	
1 st Cross RHS										
1	10	1	150mm/CC	9	134.5	1210.5	Distribution	0.62	751	
2	12	1	150mm C/c	1345	2.2	2959.0	Main Bar	0.89	2634	
Back Side										
1	10	1	150mm/CC	9	33.80	304.2	Distribution	0.62	189	
2	12	1	150mm C/c	338	2.2	743.6	Main Bar	0.89	662	
1 st Main LHS										
1	10	1	150mm/CC	9	26.00	234.0	Distribution	0.62	145	
2	12	1	150mm C/c	208	2.2	457.6	Main Bar	0.89	407	
3 rd Cross From 1 st Main LHS										
1	10	1	150mm/CC	9	73.00	657.0	Distribution	0.62	407	
2	12	1	150mm C/c	730	2.6	1898.0	Main Bar	0.89	1689	
Cross Road 1 LHS										
1	10	1	150mm/CC	9	24.50	220.5	Distribution	0.62	137	
2	12	1	150mm C/c	196	2.6	509.6	Main Bar	0.89	454	
Cross Road 1 RHS										
1	10	1	150mm/CC	9	24.50	220.5	Distribution	0.62	137	
2	12	1	150mm C/c	196	2.6	509.6	Main Bar	0.89	454	
Cross Road-2 RHS From 6 th main										
1	10	1	150mm/CC	9	23.00	207.0	Distribution	0.62	128	
2	12	1	150mm C/c	184	2.4	441.6	Main Bar	0.89	393	
2 nd Cross From 1 st Main LHS										

1	10	1	150mm/CC	9	161.30	1451.7	Distribution	0.62	900
2	12	1	150mm C/c	1290	2.4	3097.0	Main Bar	0.89	2756
			For Culvert						
			Manjunatha nagara New Extension						
			Culvert-1						
1	10	1	150mm/CC	20	6.60	132.0	Distribution	0.62	82
2	12	1	150mm C/c	148	2.6	384.8	Main Bar	0.89	342
			Culvert-2						
1	10	1	150mm/CC	20	5.35	107.0	Distribution	0.62	66
2	12	1	150mm C/c	118	2.6	306.8	Main Bar	0.89	273
			Culvert-3						
1	10	1	150mm/CC	20	7.10	142.0	Distribution	0.62	88
2	12	1	150mm C/c	142	2.6	369.2	Main Bar	0.89	329
			Culvert-4						
1	10	1	150mm/CC	20	6.75	135.0	Distribution	0.62	84
2	12	1	150mm C/c	140	2.6	364.0	Main Bar	0.89	324
			Culvert-5						
1	10	1	150mm/CC	20	6.15	123.0	Distribution	0.62	76
2	12	1	150mm C/c	130	2.6	338.0	Main Bar	0.89	301
			Culvert-6						
1	10	1	150mm/CC	20	4.00	80.0	Distribution	0.62	50
2	12	1	150mm C/c	96	2.6	249.6	Main Bar	0.89	222
			Culvert-7						
1	10	1	150mm/CC	20	5.50	110.0	Distribution	0.62	68
2	12	1	150mm C/c	136	2.6	353.6	Main Bar	0.89	315
			Culvert-8						
1	10	1	150mm/CC	20	7.00	140.0	Distribution	0.62	87
2	12	1	150mm C/c	152	2.6	395.2	Main Bar	0.89	352
			Culvert-9						
	10	1	150mm/CC	20	6.70	134.0	Distribution	0.62	83
2	12	1	150mm C/c	148	2.6	384.8	Main Bar	0.89	342
			Culvert-10						
	10	1	150mm/CC	20	6.40	128.0	Distribution	0.62	79
2	12	1	150mm C/c	144	2.6	374.4	Main Bar	0.89	333
							Total Quantity of Steel in Kg's		19521.9 **Tonne**
							Total Quantity of Steel in Tonne's		19.52

9/01/22

Asst Engineer
Ward No;14

Assistant Executive Engineer
Dasarahalli Sub Division

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Providing and fixing precast covering Slab made out of CC 1;2;4 10 cm thick and finishing cutting ,including form work ,curing ,including cost of materials ,labour ,hire charges of machinary ,loading un loading , lead and lift charges transportation charges etc complete as per specifications						
	For New cc drain						
	Manjunatha nagara near New Extension Pepsi godown						
	1st Cross						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	14.50	0.90		13.05	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	14.50	0.90		13.05	
	Back Side	1	30.00	0.90		27.00	
	RHS	1	3.80	0.90		3.42	
	2 nd Cross						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.30	0.90		10.17	
	1 st Main LHS	1	26.00	0.90		23.40	
	3 rd Cross From 1st Main						
	RHS	1	30.00	0.90		27.00	
		1	7.50	0.90		6.75	
		1	30.00	0.90		27.00	
		1	5.50	0.90		4.95	
	3 rd Cross From 1st Main						
	LHS	1	30.00	0.90		27.00	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057.

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057.

	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	25.30	0.90		22.77
Cross Road	1	24.50	0.90		22.05
RHS	1	24.50	0.90		22.05
Cross Road	1	23.00	0.90		20.70
Missing Slabs					
R HS From Karekallu Main Road					
7 th Cross LHS	45	0.60	0.90		24.30
RHS	23	0.60	0.90		12.42
8 thCross LHS	31	0.60	0.90		16.74
RHS	25	0.60	0.90		13.50
9 th Cros LHS	21	0.60	0.90		11.34
RHS	34	0.60	0.90		18.36
10 th Cross LHS	20	0.60	0.90		10.80
RHS	32	0.60	0.90		17.28
LHS From Karekallu Main	15	0.60	0.90		8.10
8 thCross LHS	25	0.60	0.90		13.50
RHS	24	0.60	0.90		12.96
9 th Cros LHS	32	0.60	0.90		17.28
RHS	28	0.60	0.90		15.12
10 th Cross LHS	28	0.60	0.90		15.12
RHS	25	0.60	0.90		13.50
11 th Cross LHS	26	0.60	0.90		14.04
RHS	36	0.60	0.90		19.44
12 th Cross LHS	25	0.60	0.90		13.50
RHS	23	0.60	0.90		12.42
Gully drain	21	0.60	0.90		11.34
Karekallu Main LHS	32	0.60	0.90		17.28
RHS	28	0.60	0.90		15.12
Manjunatha nagara Main Road RHS	26	0.60	0.90		14.04
6 th cross RHS	25	0.60	0.90		13.50
7 th Cross LHS	32	0.60	0.90		17.28
RHS	41	0.60	0.90		22.14
8 th Cross LHS	39	0.60	0.90		21.06
RHS	35	0.60	0.90		18.90
4 th Cross LHS	32	0.60	0.90		17.28
6 th cross Mahalakshmi Nagara LHS	30	0.60	0.90		16.20
7 th cross Mahalakshmi Nagara RHS	34	0.60	0.90		18.36
Manjunatha nagara New Extension RHS	66	0.60	0.90		35.64
Manjunatha nagara New Extension LHS	54	0.60	0.90		29.16
Cross road RHS	42	0.60	0.90		22.68

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶ್ರೀ ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಜಿ.ಜಿ.ಬಿ.ಪಿ
ಬೆಂಗಳೂರು-560073.

Near Karu mariyamma Temple LHS	28	0.60	0.90		15.12
Shanimahathma Temple Road	72	0.60	0.90		38.88
Near Govt School	31	0.60	0.90		16.74
3 rdCrooss Road	28	0.60	0.90		15.12
4 th Cross LHS	30	0.60	0.90		16.20
cross road	41	0.60	0.90		22.14
Main Road	52	0.60	0.90		28.08
				Total	1397.34

16/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

16/05/22

Asst. Executive Engineer,
Dasara halli Subdivision
BBMP Bangalore

Name of work :- **Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte**

Pre measurement recorded on:

Discription of Item		No	Length	Bread th	Dept h	Qty	Unit
Removing and Resetting of foot path slab							
For Desilting of drain							
MEI Lay out New extension							
RHS From 19 th Main							
7 th Cross	LHS	1	30.00	0.90		27.00	
		1	14.00	0.90		12.60	
8 thCross	LHS	1	30.00	0.90		27.00	
		1	15.00	0.90		13.50	
	RHS	1	30.00	0.90		27.00	
		1	15.00	0.90		13.50	
9 th Cros	LHS	1	30.00	0.90		27.00	
		1	18.00	0.90		16.20	
	RHS	1	30.00	0.90		27.00	
		1	18.00	0.90		16.20	
10 th Cross	LHS	1	30.00	0.90		27.00	
		1	20.00	0.90		18.00	
	RHS	1	30.00	0.90		27.00	
		1	20.00	0.90		18.00	
LHS From 19 th Main		1	7.50	0.90		6.75	
8 thCross	LHS	1	30.00	0.90		27.00	
		1	16.00	0.90		14.40	
	RHS	1	30.00	0.90		27.00	
		1	46.00	0.90		41.40	
9 th Cros	LHS	1	30.00	0.90		27.00	
		1	16.00	0.90		14.40	
	RHS	1	30.00	0.90		27.00	
		1	16.00	0.90		14.40	
10 th Cross	LHS	1	30.00	0.90		27.00	
		1	27.00	0.90		24.30	
	RHS	1	30.00	0.90		27.00	
		1	27.00	0.90		24.30	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057.

11 th Cross	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
12 th Cross	LHS	1	30.00	0.90		27.00
		1	16.00	0.90		14.40
	RHS	1	30.00	0.90		27.00
		1	16.00	0.90		14.40
Gully drain		1	28.00	0.90		25.20
19 th Main	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
	RHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
Manjunatha nagara Main Road RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	23.70	0.90		21.33
		1	30.00	0.90		27.00
		1	14.00	0.90		12.60
		1	25.00	0.90		22.50
		1	25.00	0.90		22.50
6 th cross RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
7 th Cross LHS		1	30.00	0.90		27.00
		1	5.70	0.90		5.13
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	5.00	0.90		4.50
		1	30.00	0.90		27.00
RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	7.70	0.90		6.93

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

8 th Cross LHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	11.00	0.90		9.90
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	24.00	0.90		21.60
RHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	24.50	0.90		22.05
4 th Cross LHS	1	21.00	0.90		18.90
	1	20.00	0.90		18.00
	1	20.00	0.90		18.00
	1	20.00	0.90		18.00
	1	21.00	0.90		18.90
	1	20.00	0.90		18.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
6 th cross Mahalakshmi Nagara LHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	17.00	0.90		15.30
7 th cross Mahalakshmi Nagara RHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
Manjunatha nagara New Extension RHS	1	24.00	0.90		21.60
	1	25.00	0.90		22.50
Manjunatha nagara New Extension LHS	1	30.00	0.90		27.00

06/09/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

RHS	1	30.00	0.90		27.00
	1	24.00	0.90		21.60
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
Near Karu mariyamma Temple LHS	1	24.00	0.90		21.60
	1	28.00	0.90		25.20
	1	28.00	0.90		25.20
	1	26.90	0.90		24.21
			resent Quanti		**2790.00** Sqm

04/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
Manjunatha nagara New Extension RHS	1	24.00	0.90		21.60	
	1	25.00	0.90		22.50	
Manjunatha nagara New Extension LHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	24.00	0.90		21.60	
RHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	24.00	0.90		21.60	
Near Karu mariyamma Temple LHS	1	28.00	0.90		25.20	
	1	28.00	0.90		25.20	
	1	26.90	0.90		24.21	
			Present Quantity		**2790.00**	**Sqm**

06/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

06/05/22

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

N. V

Name of work :- **Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte**

Estimate measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRRB M600 -1 Construction of dry lean cement concrete mix CC 1;5;10 with opc cement @160 kgs with 25mm and down size graded granite metal coarse aggregates at 0.86 cum and fine aggregates at 0.58 cum sub base over a prepared sub grade with coarse and fine aggregates conforming to IS 383 aggregates cement ratio not exceeding 1:5:1 aggregates gradation after blending to be as per table -600-1 cement content not to be less than 160kg/cum optimum moisture content to be determined during trail length construction concrete strength not to be less than 10 Mpa at 7 including cost of						
Manjunatha nagara Main Road From Hard ware shop to Condiments						
Main Road Ch 0.00-30.00	2	30.00	1.20	0.15	10.80	
Ch 30.00-60.00	2	30.00	1.20	0.15	10.80	
Ch 60.00-84.30	2	24.30	1.20	0.15	8.75	
10 th B Cross Road						
Ch 0.00-30.00	1	30.00	2.10	0.15	9.45	
Ch 30.00-36.50	1	6.50	2.45	0.15	2.39	
					42.12	**Cum**

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division Bangalore - 560 057.

Assistant Engineer 14/07/22
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

N. V...